

Channel Operating Margin (COM) Code Commit Request Summary – 30 April 2024

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List of Commit Requests (1/2)

Commit Request #	Submitter	Description	Proposed Disposition
4p4 1	Rich Mellitz	Error in implementing method of computing COM with Rx FFE	Accept
4p4 2	Rich Mellitz	Reduce execution time when using Tx FFE	Accept
4p4 3	Rich Mellitz	Change name of MLSE function in code to align with adopted shakiba_3dj_01b_2401 and adjust PSDs	Accept
4p4 4	Rich Mellitz	Floating taps algorithm ISI method gives better results than FOM method when 3 or more groups are used	Revise. Overtaken by events.

List of Commit Requests (2/2)

Commit Request #	Submitter	Description	Proposed Disposition
4p4_5	Adam Healey	Correct errors in function MMSE_FOM()	Accept
4p4_6	Adam Healey	Indexing error in function get_PSDs()	Accept
4p4_7	Adam Healey	Sampling time search does not minimize mean-squared error	Accept
4p4_8	Adam Healey	Incorrect value of sigma_N assigned in function Create_Noise_PDF()	Accept

Thanks!